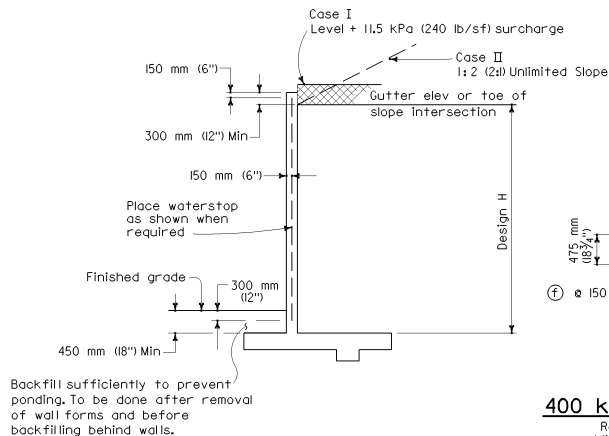
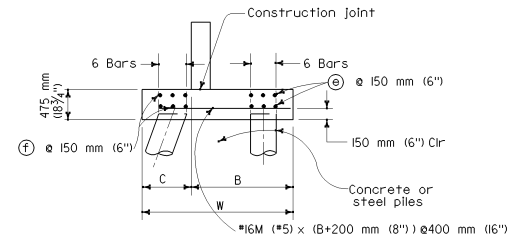


### SPREAD FOOTING SECTION

Place concrete in toe, against undisturbed material, except as permitted by the Engineer.

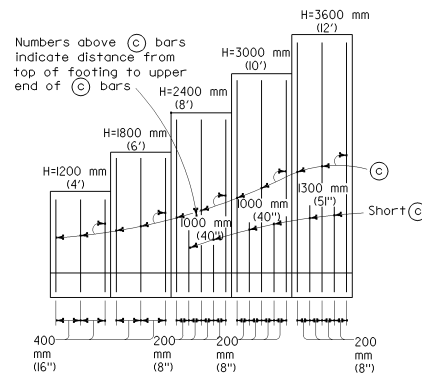


### DESIGN



### 400 KN 45 TON PILE FOOTING SECTION

Reinforcement detailed is to be placed in addition to that shown for spread footing. All piles not shown, see Pile Layout on other sheets. For pile footing for Design H=1200 mm (4') use same footing dimensions as for Design H=1800 mm (6').



### ELEVATION

### NOTES

- Retaining Wall Type 1A designed for Design Loading Cases I and II only.
- For design notes, drainage notes and other details, See **B3-B**.
- For wall stem joint details, see **B0-3** and **B0-3**.
- At **(C)** and Short **(C)** bars:  
H < 1800 mm (6'), no splices are allowed within 500 mm (20") above the top of footing.  
H > 1800 mm (6'), no splices are allowed within H/4 above the top of footing.

### STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION RETAINING WALL TYPE 1A

These "Standard Plans for Construction of Local Streets and Roads" contain units in two systems of measurement: International System of Units (SI or "metric") and United States Standard Measures shown in the parentheses ( ). The measurements expressed in the two systems are not necessarily equal or interchangeable. See the "Foreword" at the beginning of this publication.

NO SCALE

**B3-3**

TABLE OF REINFORCING STEEL, DIMENSIONS AND DATA					
Design H	1200 mm (4')	1800 mm (6')	2400 mm (8')	3000 mm (10')	3600 mm (12')
W	1000 mm (39")	1300 mm (51")	1600 mm (63")	1900 mm (75")	2200 mm (87")
C	300 mm (12")	400 mm (16")	500 mm (20")	600 mm (24")	700 mm (28")
B	700 mm (27")	900 mm (35")	1100 mm (43")	1300 mm (51")	1500 mm (59")
(C) bars	#16M (#5) @ 400 mm (16")	#16M (#5) @ 400 mm (16")	#16M (#5) @ 200 mm (8")	#19M (#6) @ 200 mm (8")	#25M (#8) @ 200 mm (8")
(d) bars	#16M (#5) @ 400 mm (16")	#16M (#5) @ 400 mm (16")	#16M (#5) @ 400 mm (16")	#19M (#6) @ 200 mm (8")	#19M (#6) @ 200 mm (8")
Total (e) bars	6-#19M (#6)	6-#19M (#6)	6-#19M (#6)	6-#25M (#8)	6-#25M (#8)
Total (f) bars	—	—	—	6-#19M (#6)	6-#19M (#6)
Case I-Toe Press. kPa (k/sf)	75 (1.5)	95 (2.0)	110 (2.3)	125 (2.6)	135 (2.8)
Case II-Toe Press. kPa (k/sf)	50 (1.0)	70 (1.5)	90 (1.9)	110 (2.3)	130 (2.7)

DIST.	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
<p>Overcomer, Y. Ror REGISTERED CIVIL ENGINEER</p> <p>July 1, 2002 PLANS APPROVAL DATE</p> <p>The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.</p> <p>Caltrans now has a web site! To go to the web site, go to: <a href="https://www.dot.ca.gov">https://www.dot.ca.gov</a></p>					